



Atty's Dkt No.: 018743/027 6322  
Client Ref. No.: CHOP-0004U

1636  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: High *et al.* Art Unit: 1636  
Serial No.: 09/393,844 Examiner: Sullivan, D.  
Filed: September 10, 1999  
Title: METHODS AND COMPOSITIONS FOR USE IN GENE THERAPY FOR  
TREATMENT OF HEMOPHILIA

Commissioner for Patents  
Washington, DC 20231

AMENDMENT IN RESPONSE TO OFFICE ACTION

In response to the Office Action mailed November 20, 2003, in connection with the above-identified application, the time for responding having been extended to May 20, 2004, by the accompanying fee and petition under 37 C.F.R. §1.136, Applicants respectfully request consideration of the following amendments and remarks:

The Claims begin at page 2.

The Remarks begin at page 4.

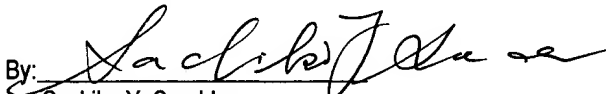
05/24/2004 CNGUYEN 00000046 502212 09393844

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Certificate of Mailing Under 37 C.F.R. §1.8

I hereby certify that this correspondence (along with any paper referred to as being attached or enclosed) is being mailed via "First Class Mail" service of the United States Postal Services on the date shown below in an envelope addressed to the Mail Stop Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: May 18, 2004

By:   
Sachiko Y. Snedden



Certificate of Mailing Under 37 C.F.R. §1.8

I hereby certify that this correspondence along with any paper referred to as being attached is being Mailed to Addressee by service of the United States Postal Service addressed to Commissioner for Patents, P.O. Box, 1450, Alexandria, VA 22313-1450

By: Sachiko Y. Snedden  
Sachiko Y. Snedden

Date: May 18, 2004

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**PATENT**  
**APPLICATION**

Inventor(s): High, et al.  
Appln. No.: 09 | 393,844  
Series Code ↑ | Serial No. ↑

Filed: September 10, 1999

Group Art Unit: 1636

Examiner: Sullivan, D.

Atty. Dkt. 018743-0276322 | CHOP-0004U  
C-M | Client Ref

Appln. Title: METHODS AND COMPOSITIONS FOR  
USE IN GENE THERAPY FOR  
TREATMENT OF HEMOPHILIA

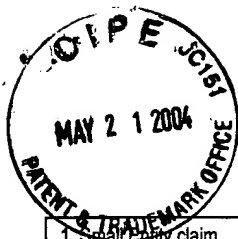
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

**REPLY/AMENDMENT/LETTER**

Date: May 18, 2004

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.



# FEE REQUIREMENTS FOR CLAIMS AS AMENDED

1. Small Entity claim A. <input type="checkbox"/> NOT made B. <input type="checkbox"/> Withdrawn C. <input type="checkbox"/> made herewith D. <input checked="" type="checkbox"/> made previously		For B & C See Required Separate Paper (Pat-256)		Claims remaining after amendment	Highest number previously paid for	Present Extra.	Large/Small Entity	Addition al Fee	Fee Code Lg/Sm
2. Total Effective Claims		8	**minus	20	0	x \$18/\$9 =	+ \$0	1202/2202	
3. Independent Claims		1	***minus	3	0	x \$86/\$43 =	+ \$0	1201/2201	
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application)							+ \$290/\$145 =	+ \$0	1203/2203
5. Original due Date: February 20, 2004		<input type="checkbox"/> NONE							
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached		(1 mo)	\$110/\$55 =			+ \$475		1251/2251	
		(2 mos)	\$420/\$210 =					1252/2252	
		(3 mos)	\$950/\$475 =					1	
		(4 mos)	\$1,480/\$740=					253/2253	
		(5 mos)	\$2,010/\$1,005=					1254/2254	
7. Enter any previous extension fee paid since above original due date and subtract						- \$0		1255/2255	
8. Extension Fee							+ \$475		
9. If Terminal Disclaimer attached, add Rule 20(d) official fee .....							+ \$110/\$55	+ \$0	1814/2814
10. If IDS attached requires Official Fee under Rule 97 (c), .....							+ \$180	+ \$0	1806
or if Rule 97(d) Request .....							+ \$180		1806
11. After-Final Request Fee per rules 129(a) and 17(r) .....							+ \$770/385	+ \$0	1809/2809
12. No. of additional inventions for examination per Rule 129(b).....							x \$770/385 ea	+ \$0	1810/2810
13. Request for Continued Examination (RCE) .....							+ \$770/385	+ \$0	1801/2801
14. Notice of Appeal .....							+ \$330/165	+ \$0	1401/2401
15. Exhibit 1 (Declaration); Exhibit 2							TOTAL FEE =		\$475.00
16. *If the entry in this space is less than entry in next space, the "Present Extra" result is "0".							PLEASE CHARGE OUR DEP. ACCT		
17. **If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.									
18. ***If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.									

(Our Deposit Account No. 50-2212)

(Our Order No. 018743 0276322  
C# M#)

**CHARGE STATEMENT:** The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

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Atty/Sec: RMB/sys

Pillsbury Winthrop LLP  
Intellectual Property Group

By Atty: Robert M. Bedgood, Ph.D.

Sig:

Reg. No. 43,488

Fax: (858) 509-4010  
Tel: (858) 509-4065

NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments